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2WSHR LED Two-Way AM Remote

USER'S GUIDE

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2WSHR LED

By Firstech, LLC.
www.compustar.com

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Thank you.

Thank you for your purchase of a Compustar alarm and/or remote-start system.
Conpustar alarms and remote-start systems are the most advanced systems on the market with amazing features, incomparable ease of use, and breakthrough technologies never before used in the automotive environment. Please take time to read and understand this owner's manual so that you can fully use and enjoy you new Conpustar system.

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Safety Information

Please take these safety precautions under the following conditions:

1. Servicing the vehicle

When servicing (i.e. changing the oil, washing your car) your automobile, the Compustar system should be in Valet Mode. There is a safety shutdown switch under the hood that deactivates the remote starter function if the hood is open. However, if the switch has been damaged or the switch has been installed improperly, the vehicle may start when the ⊙ button is pressed for 2 seconds even if the hood is open.

2. Loaning your vehicle to others

Whenever you loan your vehicle to an individual who is not familiar with Compustar, please put the vehicle in Valet mode. This will prevent the vehicle loaner from accidentally activating the Compustar auto-security system.

3. For manual transmission vehicles

If the Compustar 2WSHR LED is installed in a manual transmission vehicle, extra precautions are required because the system does not monitor the gear shift.

> **Important!**

Under normal circumstances, Reservation Mode is cancelled when a door or hatchback opens. Please verify if the opening of any door or hatchback cancels Reservation Mode. If any of the doors or hatchback are not monitored by Compustar because of improper installation or a faulty dome light switch, do not use the Compustar and take your vehicle to the dealer immediately for repair.
Do not set Reservation Mode when the window(s) are open or if there is anyone inside of the vehicle including animals.

Remote–Pager : 2WSHR/LED

The model name, 2WSHR LED, stands for **2Way Super Heterodyne Remote.** This transmitter that allows you to activate multiple functions by pressing a combination of the 4 the buttons on the unit in order to transmit signals.

LED

The remote-pager comes with a unique LED display that visually tells the you the security status of your car at all times. There are differing icons that will appear on your LED indicating what your vehicle is currently doing.

BUTTON		PressFor	FUCTION	LED ICON
I	🔒	0.5 Sec	Lock	
		2 Sec	Panic	
II	🔓	0.5 Sec	Unlock	
		2 Sec	x	
III	🚗	0.5 Sec	AUX1	
		2 Sec	Trunk Open	
IV	⊙	0.5 Sec	AUX2	
		2 Sec	x	
I +II	🔒 + 🔓	0.5 Sec	Siren Chips- On/Off	
		2 Sec	Programming Menu 1	
I +III	🔒 + 🚗	0.5 Sec	Valet Mode - On/Off	
		2 Sec	Shock Sensor- On/Off	
I+IV	🔒 + ⊙	0.5 Sec	X	
		2 Sec	Programming Menu 2	
II+III	🔓 + 🚗	0.5 Sec	Passive Locking-On/Off	
		2 Sec	X	
III+IV	🚗 + ⊙	0.5 Sec	X	
		2 Sec	Query	

It a button is pressed, the LED Icon will be flashed rapidly. Also, if the signal was sent successfully, the remote will beep and the LED icon will flash.
If the signal fails, the remote will beep rapidly.

Query(🚗 + ⊙ 2 Sec) : When This function is activated, if any of the doors are still open, the 🚗 Icon will be shown on the remote transmitter

Query(🚗 + ⊙ 2 Sec) : If the engine is still running, 🔑 icon will be shown on the remote.

Remote-Pager LED Functions

DISPLAY		
Paging Operation		LED ICON
Theft	Door	🚗
	Trunk	
	Hood	
Shock Sensor	Storng	✸
	Weak	✸
R.P.S		🚗 → ✸ → 🔑 → ✸
AUTO Arm/Disarm		🚗

ICON	Explanation
🚗	door,trunk.or hood,are open.
✸	Indicates that the second stage shock sensor has been triggered
✸	Indicates that the first stage shock sensor has been triggered
🔑	Indicates if your vehicle has auto- started properly or ignition on

Remote-Pager Learn Routine

The Compustar system will allow up to three remotes to be programmed to one vehicle. Please perform the following procedure to add or reprogram additional remotes.
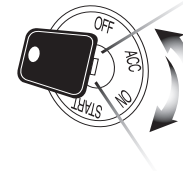
Step1 : Activate Valet/Programming mode by manually turning the ignition on and off five times **(between Acc and On)** with car key within a 7 second period.
The parking lights will flash once with successful completion of this step.

Step2 : Within a 7 second period after cycling the ignition for the 5th time, press the 🔒 button . The car parking lights will flash once to confirm that the transmitter has been programmed. Continue program the additional remotes. The parking lights will flash two times when the programming mode is expired.

Alarm Mode

You can arm by pressing the 🔒 button for a 1/2 second.
You can disarm by pressing the 🔓 button for a 1/2 second.
Press buttons (🔒 + 🔓) for a 1/2second to make your car siren mute when arming or disarming your vehicle. Keep in mind that your car siren will still activate for all other modes (i.e. panic, alarm, shock sensor) regardless of whether or not your car siren is in mute mode. The car siren will be mute only when arming or disarming your vehicle. In alarm mode, the **starter kill function** (this maybe an optional feature provided by your installer) is activated. This feature disengages the starter mechanism on your car that prevents you from starting your car even with a manual key when your vehicle´s alarm mode is activated.

Note : If you lose your remote after you have armed the vehicle, use your key to open the vehicle. The siren will go off. Turn on and off ignition 5 times with your key to shut off the siren and turn the system into valet mode. Cancel the valet mode with remote later. See Valet mode.

Note : (Siren duration is 30 to 60 sec depending on the options set at the time of initial installation.)

Dual Stage Shock Sensor

Press buttons 🔒 + 🚗 for 2 seconds to activate or deactivate the dual stage shock sensor. The dual stage shock sensor will activate 30 seconds after the Compustar alarm is armed. When the dual shock sensor is engaged, the remote-pager security alerts will be triggered by the following:

▶ Light impact to your vehicle will activate the **first stage shock sensor** and the car siren will chirp 4 times in addition to the parking lights flashing 4 times. The remote pager unit will beep and the 📡 icon flashes rapidly.

▶ Heavy impact to your vehicle will activate the **second stage shock sensor** and the car siren will sound for 30 to 60 seconds and the parking lights will flash for 30 to 60 seconds. The remote-pager will beep Both sound & 📡 Icon rapidly.
Press the 🔒 button for a 1/2 second to turn off the second stage shock sensor sirens and flashing lights.

Trunk Release

Press the 🚗 button for 2 seconds in order to unlock and release your trunk door. Note that the trunk release function will not only release the trunk but will unlock all the doors as well.

Query Function

Query Function allows you to visually monitor the status of your car by looking at the remote-pager LED icons. Press buttons 🚗 + ⊙ for a 2 second to activate the Query Function.

Panic Mode

Press the 🔒 button for 2 seconds to enter Panic Mode. In this mode, the car will arm if not armed already and the siren will activate and the parking lights will flash. In order to disengage Panic Mode, press the 🔒 button for a 1/2 second. Then, press the 🔒 button for a 1/2 second to lock/arm your vehicle.

If Anti-Jacking option has been programmed (ask your dealer if you like to have this option) and the Ignition-Kill has is been installed , the Panic Mode works as Anti-Jacking if the key is in the ignition. If Anti-Jacking mode is activated while key is in the ignition ;

a)Siren will go off for 1.5 minutes, and b) Ignition-Kill will be activated after the first 30 seconds. That is to give warning to the hijacker for the first 30 seconds and then to disconnect the ignition to stop the vehicle.

Valet Mode

The only feature that operates in valet mode is the keyless entry function.

Valet Mode is very useful when loaning your
vehicle or having it serviced.
In order to enter Valet mode, press Buttons
(🔒 + 🚗) simultaneously for a 1/2 second.
In order to manually enter Valet Mode, insert your
car key into the ignition and turn the ignition on and
off **(between ACC and ON)** five times within 7 seconds
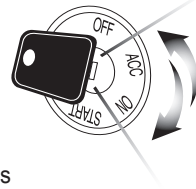
You can exit Valet Mode only by pressing buttons (🔒 + 🚗)

simultaneously for a 1/2 second.

Safety Shut Down Features

Compustar 2WSHR LED system has several shut down safety features.
The following actions will shut down the engine or prevent the car from auto-
starting: Opening the engine hood, Pressing the brake or Valet mode
is turned on.

RPS (Remote Paging System)

The optional RPS is a feature that allows an individual to page the owner of a
vehicle by simply tapping on the front windshield of the car. RPS is automatically
turned on upon activating alarm mode (pressing the 🔒 button for a 1/2 second)
on the Compustar 2WSHR LED,

The RPS module can be activated by tapping a manual key producing a
high-frequency vibration. This high-frequency vibration is detected and your
remote-pager will beep and **all** of the icons will flash.

OPTIONAL PROGRAMMABLE FEATURES

These additional programmable features can be programmed to the Compustar
system by your authorized CompuStar dealer.

Ignition Lock

This programmable option enables your vehicle to automatically lock the doors
when the brake pedal is pressed after starting the vehicle with a key.
In addition, the vehicle will automatically unlock the doors upon pulling the key
out from the ignition. However, if the emergency brake wire was installed, the
vehicle will unlock upon the emergency brake is set if the engine is still running
with the key. This option must be chosen at the time of installation.

Passive Arming

You can turn this function on or off by pressing the buttons (🔒 + 🚗) for
a 1/2 second. When set to passive arming, your security system will arm
automatically 30 seconds after all the doors are closed. There are two types
of passive arming that can be programmed by your Compustar dealership:
(1) passive arming with passive lock and (2) passive arming with active lock.

Passive locking means the door will lock when the system passively arms.
In the default factory setting, the system is armed and locked actively, which
means the system will only arm/lock when the remote-pager is utilized.

Note :
1. If you select both Auto Arming and Passive Arming, Auto Arming
   takes priority over Passive Arming.

2. If you select Passive Arming with Active Lock in the programming
   option, you are also selecting Auto Arming without Auto Lock.
   Consult your installer.

OPTIONAL INSTALLTURES

The Compustar 2WSHR LED remote-pager has additional features and expansion possibilities that require additional parts and labor.

Optional Auxiliary 1 & Auxiliary 2

The auxiliary system is an optional car feature that can be tailored for your vehicle by your local authorized Compustar dealership. For example, you can customize your car to have remote power control of your windows, radio, and sunroof in addition to the rooftop on your convertible car.

MEMO
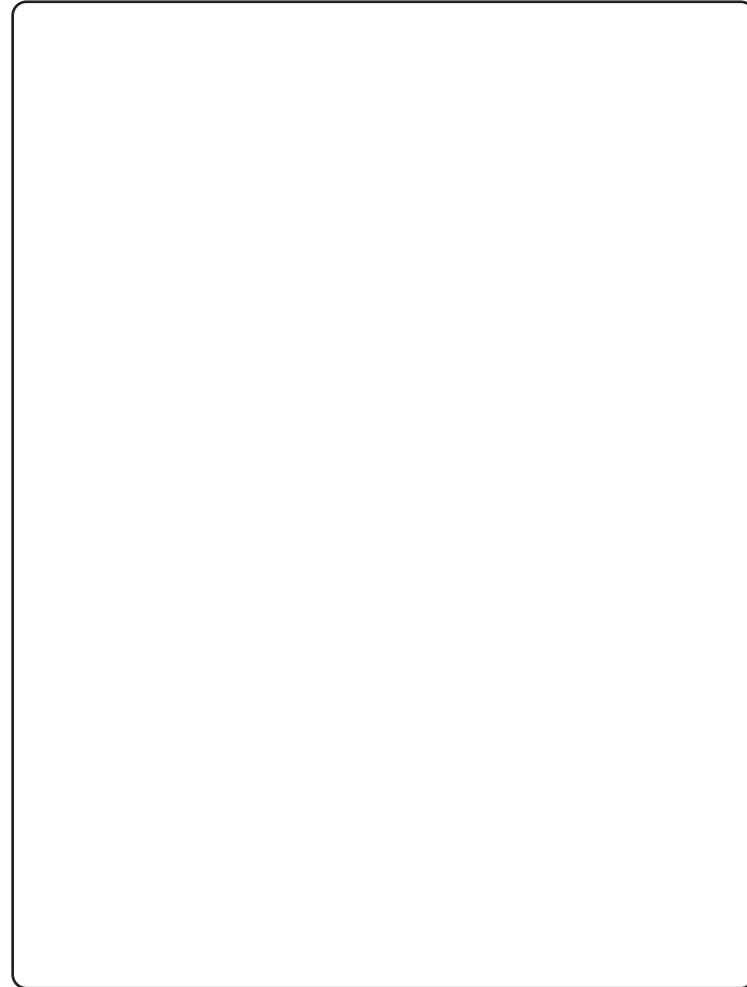
Limited Lifetime Consumer Warranty

Firstech, LLC Warrants to the original purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances for the period of time that the original owner of this product owns the vehicle in which it is installed ; except that the remote controller unit for the period of one year from the date of installation to the original owner of this product.

When the original purchaser returns the product to the retail store where it was purchased or prepaid postal to Firstech, LLC., 3415 S. 116th St Seattle, WA 98168, USA within the warranty period, and if the product is defective, Firstech, LLC, will at its option repair or replace such.

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Your Warranty

The product's warranty is automatically void if its date code or serial number is defaced, missing or altered. This warranty will not be valid unless you have completed the registration card and mailed it to Firstech, LLC., within 10 days after the purchase to the address listed on the registration card.